

AMENDMENT NO. 2 JUNE 2021

TO

**IS 10124 (PART 1) : 2009 FABRICATED PVC-U FITTINGS
FOR POTABLE WATER SUPPLIES — SPECIFICATION**

PART 1 GENERAL REQUIREMENTS

(Second Revision)

(Page 1, clause 2) — Substitute the following for the existing:

‘The following standards contain provisions which, through reference in this text, constitute provision of this standard. At the time of publication the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate, the possibility of applying the most recent editions of the standards.

<i>IS No.</i>	<i>Title</i>
4905 : 2015/ ISO 24153 : 2009	Random sampling and randomization procedures (<i>first revision</i>)
4985 : 2021	Unplasticized PVC pipes for water supplies — Specification (<i>fourth revision</i>)
12235	Thermoplastics pipes and fittings — Methods of test (<i>first revision</i>)
(Part 3) : 2004	Test for opacity
(Part 4) : 2004	Determining the detrimental effect on the composition of water
(Part 10) : 2004	Determination of organotin as tin aqueous solution’

Price Group 1

Amendment No. 2 to IS 10124 (Part 1) : 2009

(Page 2, clause 6, Title) — Substitute ‘**PERFORMANCE REQUIREMENTS**’ for ‘**TESTS AND PERFORMANCE REQUIREMENTS**’

(Page 2, clause 6.2) — Insert the following at the end:

‘6.3 Effect on Water

The fittings shall not have any detrimental effect on the composition of water flowing through them. When tested by the method described in IS 12235 (Part 4) and IS 12235 (Part 10), the quantities of lead, dialkyl tin C4 and higher homologues (measured as tin), and any other toxic substances extracted from the internal walls of the fittings shall not exceed the concentrations as specified in **10.3** of IS 4985 and meet the other requirements given in **10.3.1** of IS 4985.

NOTE — Implementation of the phase out programme for use of lead stabilizers in PVC pipe and fitting manufacturing of the Government of India shall be borne in mind.’

(Page 2, clause 7.1.2) — Insert the following at the end:

7.1.1 Type tests for compliance with **6.1** and **6.3** shall be carried out on three samples taken at random from the smallest size and lowest class of fitting (that is, on fittings having the thinnest wall and greatest surface area to mass ratio).

7.1.2 All the fittings tested shall comply with the requirements for which they are examined.’

[Page 2, clause 8.1 (d)] — Insert the following at the end:

‘**8.1.1** Lot number/Batch number shall be marked on the carton/packing and shall include the details of production in the following manner:

Year	Month	Day	Machine No.	Shift
XXXX	XX	XX	XXX	X

(Page 2, clause **8.2**) — Substitute the following for existing:

‘8.2 BIS Certification Marking

The fittings conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the *Bureau of Indian Standards Act, 2016* and the Rules and Regulations framed thereunder, and the fittings may be marked with the Standard Mark.’